

## CLAIMS

What is claimed is:

- 1 1. A system for allowing an application to be integrated with any one of a  
2 plurality of distinct types of programmable platforms, the system  
3 comprising:
  - 4 (a) a platform-independent application capable of being integrated with any one  
5 of a plurality of distinct types of programmable platform;
  - 6 (b) a platform-independent interface capable of interfacing, at least in part, the  
7 platform-independent application with any one of the distinct types of  
8 programmable platforms; and
  - 9 (c) a platform-dependent interface situated on a predetermined programmable  
10 platform and capable of serving in conjunction with the platform-  
11 independent interface in interfacing the platform-independent application  
12 with the predetermined programmable platform.
- 1 2. A system as recited in claim 1, wherein the platform-dependent interface is  
2 specifically written to interface with the predetermined programmable platform.
- 1 3. A system as recited in claim 2, wherein the platform-dependent interface  
2 includes a library of platform-dependent resource interfaces which are wrapped with  
3 a standard interface capable of being accessed by the platform-independent  
4 interface.
- 1 4. A system as recited in claim 1, wherein the platform-independent application  
2 is specifically written to interface with the platform-independent interface.
- 1 5. A system as recited in claim 1, wherein the interface between the platform-  
2 independent application and the programmable platform is capable of being  
3 customized.

1 6. A system as recited in claim 5, wherein the interface is customized by  
2 accommodating the specific port requirements of the platform-independent  
3 application.

1 7. A system as recited in claim 5, wherein the interface is customized by  
2 including and excluding peripherals based on the requirements of the platform-  
3 independent application.

1 8. A system as recited in claim 5, wherein the interface is customized by  
2 dedicating memory resources required by the platform-independent application.

1 9. A system as recited in claim 5, wherein the interface is capable of being  
2 customized in accordance with user-specified criteria.

1 10. A system as recited in claim 9, wherein a graphical user interface is provided  
2 for allowing a user to enter the user-specified criteria.

1

1108727-0510

1 17. A method for allowing an application to be integrated with any one of a  
2 plurality of distinct types of programmable platforms, the method  
3 comprising:

- 1 18. A computer program product for allowing an application to be integrated  
2 with any one of a plurality of distinct types of programmable platforms, the  
3 computer program product comprising:  
4 (a) a platform-independent application capable of being integrated with any one  
5 of a plurality of distinct types of programmable platform;  
6 (b) platform-independent computer code for interfacing, at least in part, the  
7 platform-independent application with any one of the distinct types of  
8 programmable platforms; and  
9 (c) platform-dependent interface computer code situated on a predetermined  
10 programmable platform for interfacing, at least in part, the platform-  
11 independent application with the predetermined programmable platform.

- 1 19. A system comprising:
- 2 (a) a platform-independent application capable of being integrated with any one
- 3 of a plurality of distinct types of programmable platform;
- 4 (b) a platform-independent interface capable of interfacing, at least in part, the
- 5 platform-independent application with any one of the distinct types of
- 6 programmable platforms; and
- 7 (c) a platform-dependent interface situated on a predetermined programmable
- 8 platform and capable of serving in conjunction with the platform-
- 9 independent interface in interfacing the platform-independent application
- 10 with the predetermined programmable platform;

- 11  
12  
13  
14